

540,676

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
15 July 2004 (15.07.2004)

PCT

(10) International Publication Number  
WO 2004/059970 A1

(51) International Patent Classification<sup>7</sup>: H04N 5/913

(21) International Application Number: PCT/IB2003/006095

(22) International Filing Date: 15 December 2003 (15.12.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

2002-381052 27 December 2002 (27.12.2002) JP

(71) Applicant (for all designated States except US): KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(71) Applicant (for JP only): PHILIPS JAPAN, LTD. [JP/JP]; Philips Bldg., 2-13-37, Kohnan, Minato-ku, Tokyo 108-8507 (JP).

(72) Inventor; and

(75) Inventor/Applicant (for US only): ENOMOTO, Yoshimi [JP/JP]; c/o Philips Japan, Ltd., Philips Bldg., 2-13-37 Kohnan, Minato-ku, Tokyo 108-8507 (JP).

(54) Title: DATA PROCESSING DEVICE, DATA RECORDING / REPRODUCING DEVICE, DATA PROCESSING METHOD AND PROGRAM

(74) Agent: AOKI, Hiroyoshi; c/o Philips Japan, Ltd., Philips Bldg., 2-13-37, Kohnan, Minato-ku, Tokyo 108-8507 (JP).

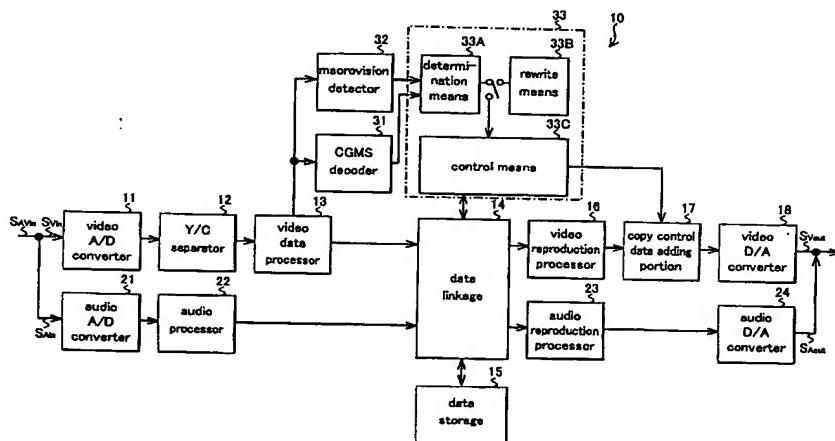
(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.



(57) Abstract: It is an object of the invention to provide a data processing device, a data processing method and a data processing program which can provide consistency between information of a macrovision signal and CGMS data added to an analogue video signal. A data processing device (10) receiving an analogue video signal (Sv?in#191) to which CGMS data and a macrovision signal are added is provided with a controller (33) having a determination means (33A), a rewrite means (33B) and a control means (33C). The CGMS data and the information of the macrovision signal are inputted from a CGMS decoder (31) and a macrovision detector (32), respectively, to the determination means (33A). In the determination means (33A), it is determined whether the information of the macrovision signal and the CGMS data conflict each other or not. When they conflict, the CGMS data is rewritten in the rewrite means (33B), after of which it is determined whether there is a conflict between them in the determination means (33A).

WO 2004/059970 A1